GBIF Global Biodiversity Information Facility

OVERVIEW

Bullfinch (Pyrrhula pyrrhula), Estonia, 19 Feb 2017. Photo CC BY Madis Kara. Platform observations.
demo.gbif.org/occurrence/1438561625

March 2017

BY THE NUMBERS

1 Feb 2017

Species occurrence records

715,170,993

Datasets

31,780

Country Participants

115

Organizational Participants

93

Publishers

88

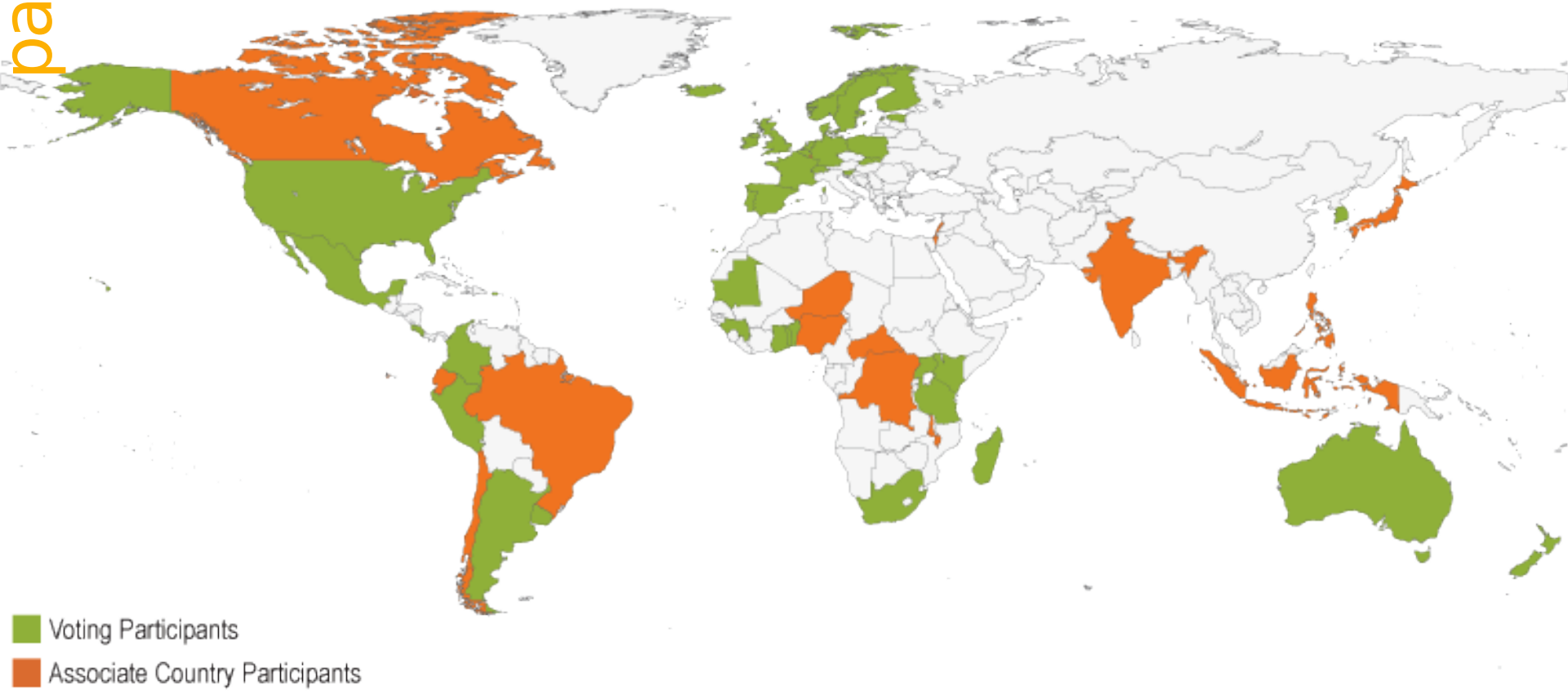
Records downloaded per month

426.7 billion

Unique users per month (Feb 2017)

105,729

Current national participants



http://www.gbif.org/participation/participant-list

Latest news

Final BID call for proposals seeks projects from sub-Saharan Africa

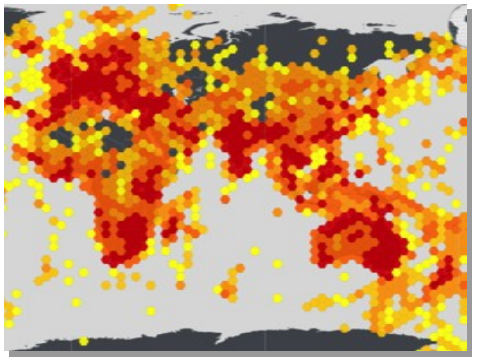
First stage of two-stage selection process under the EU-funded data mobilization programme in

- English
- Français

Poland elevates commitment, becomes GBIF Voting Participant

Long-time Associate Participant is 39th full national member and 19th among European countries

Read more



63.8 million new records increase eBird total to 275 million

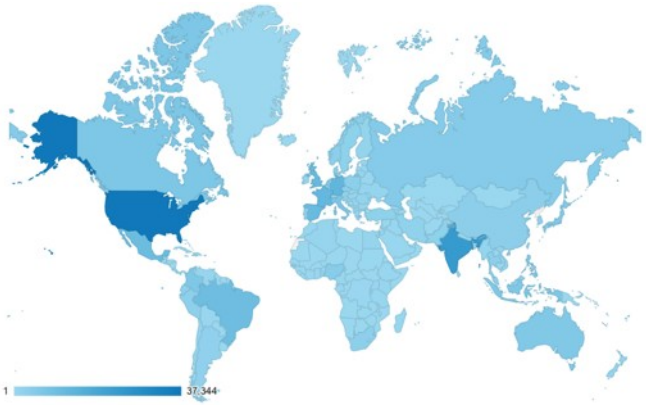
Annual dataset refresh grows by 30 per cent, with biggest gains in Asia and Europe

Read more

http://www.gbif.org/newsroom/summary

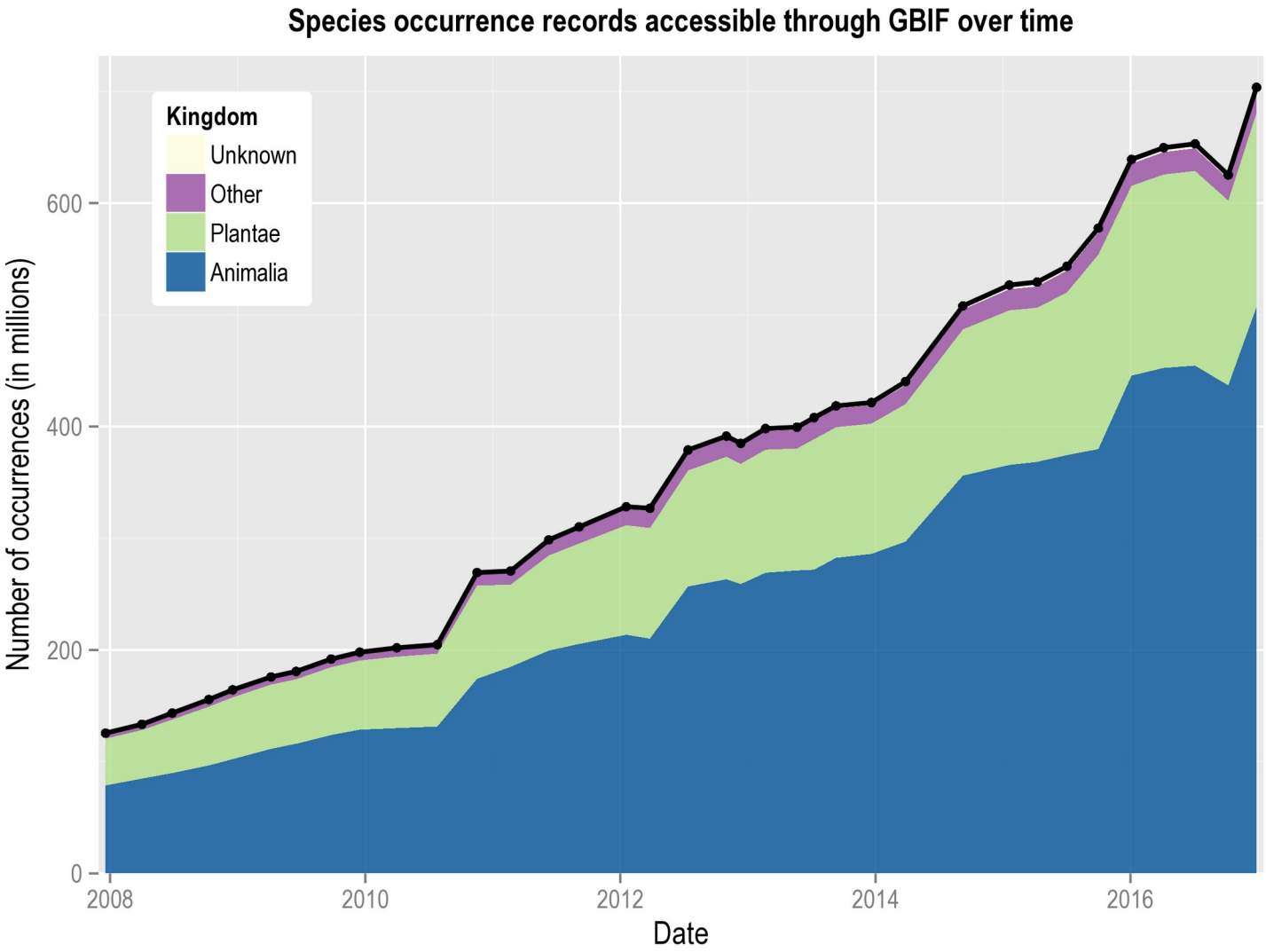
Photo credits: (left) Picasso bug (Sphaerocoris annulus). Used by permission © 2013 Jeremy Roberts. (centre) Tatra Chamois, Kozica tatrzańska in Polish (Rupicapra rupicapra tatrica), Tatra mountains, Poland.

Web traffic to GBIF.org, 2017



Rank	*Country/ Territory*	*Sessions*	*% Total Sessions*	*2016 rank*	*Pages / Session*
1	United States	38,201	13.35 %	1	4.71
2	India	23,095	8.07 %	2	2.03
3	Germany	12,483	4.36 %	4	5.85
4	France	12,080	4.27 %	3	3.18
5	United Kingdom	11,395	3.98 %	7	7.80
6	Spain	11,031	3.98 %	6	5.37
7	Mexico	10,292	3.91 %	8	8.13

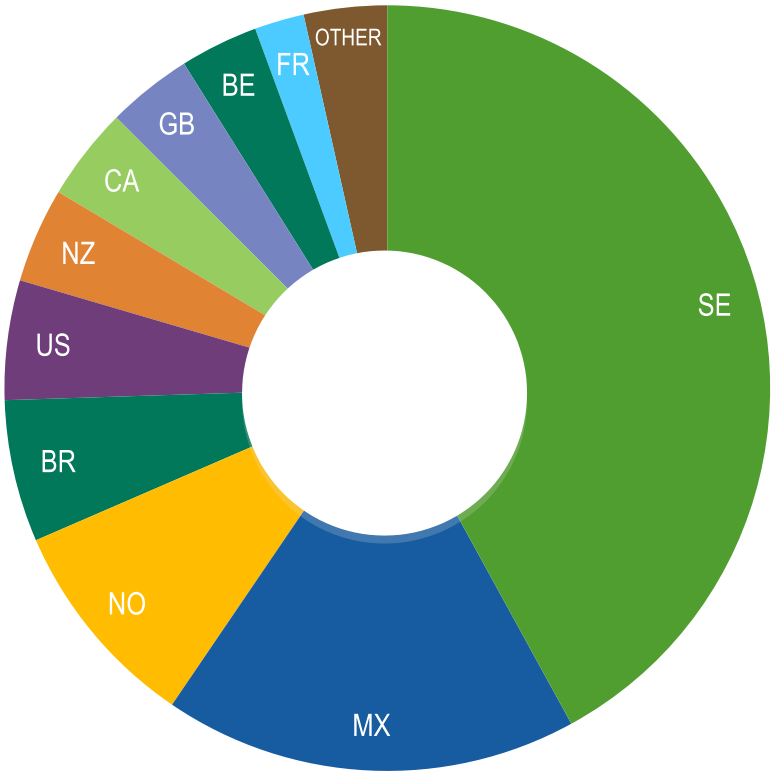
Data published through GBIF



www.gbif.org/analytics/global

Occurrence records published during 2017 by country

	Country	*New records*	*2016 rank*
1	Sweden	7,357,480	26
2	Mexico	3,061,571	14
3	Norway	1,575,075	6
4	Brazil	1,050,962	15
5	United States	883,444	1
6	New Zealand	702,182	13
7	Canada	688,41	19



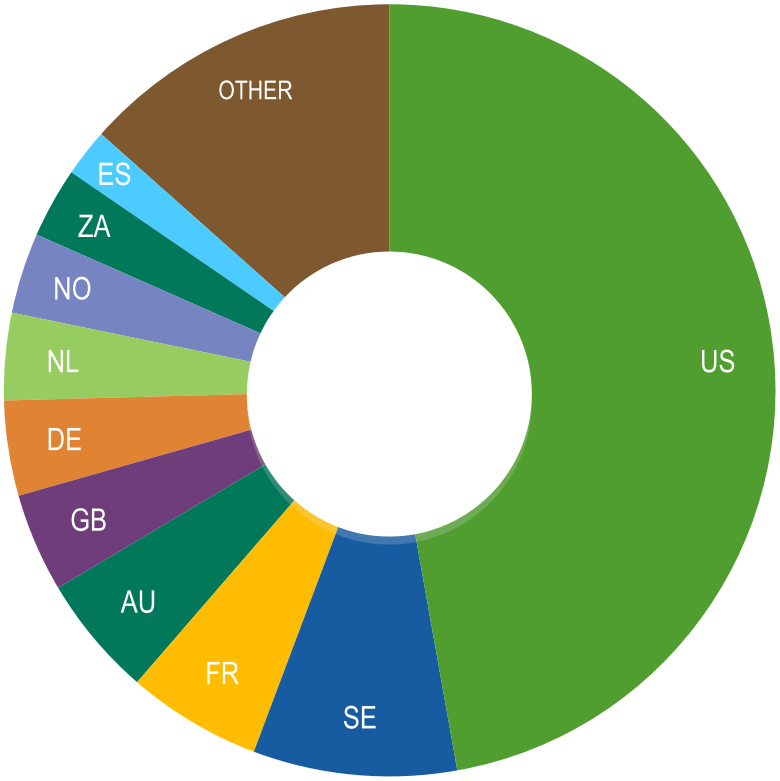
http://www.gbif.org/country

Total number of occurrence records published by country

as of 28 Feb 2017

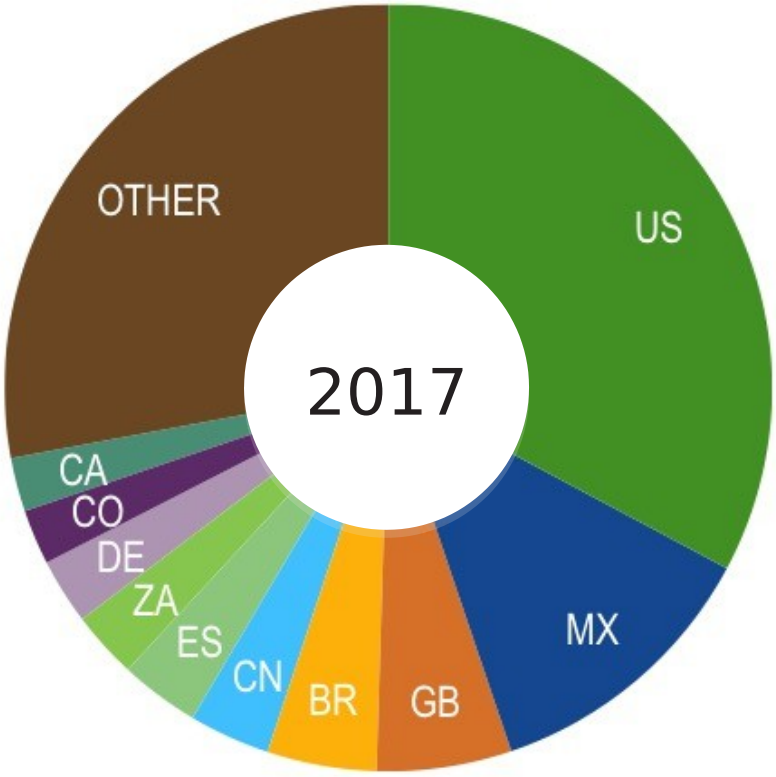
1	United States	333,498,481
2	Sweden	61,000,794
3	France	40,281,742
4	Australia	36,435,662
5	United Kingdom	29,635,764
6	Germany	28,477,939
7	Netherlands	26,075,010
8	Norway	24,187,64

http://www.gbif.org/country

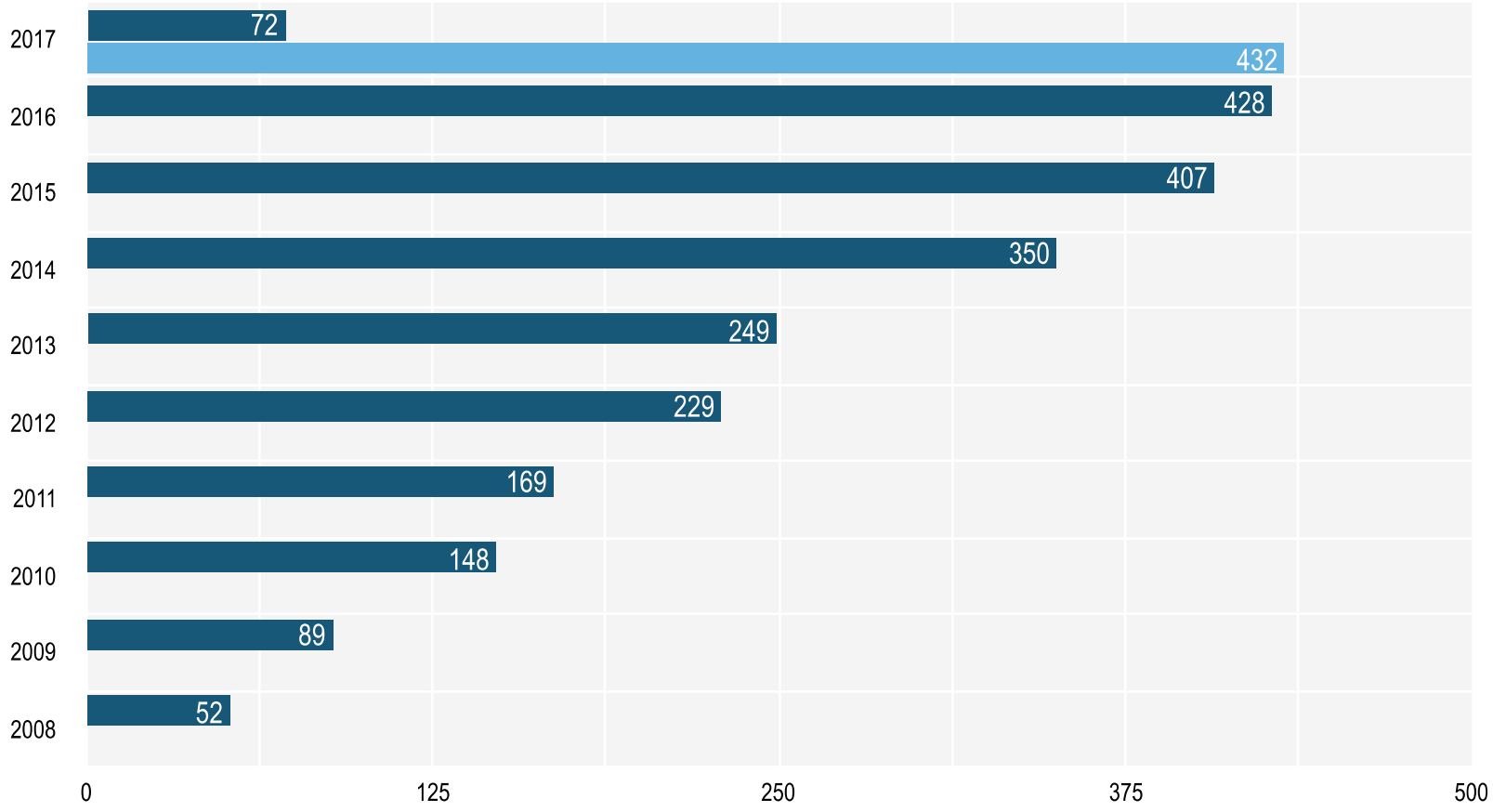


Data download requests by country, 2017

	Country	*Downloads*	*2016 rank*
1	United States	5,384	1
2	Mexico	1,970	2
3	United Kingdom	932	6
4	Brazil	756	3
5	China	561	9
6	Spain	551	4
7	South Africa	464	7
8	Germany	455	11
9	Colombia	381	5

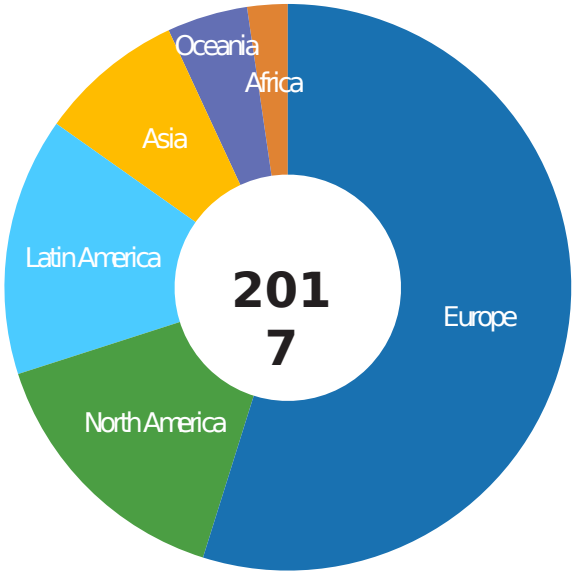


Peer-reviewed publications using GBIF-mediated data



Peer-reviewed uses, by country and region, 2017

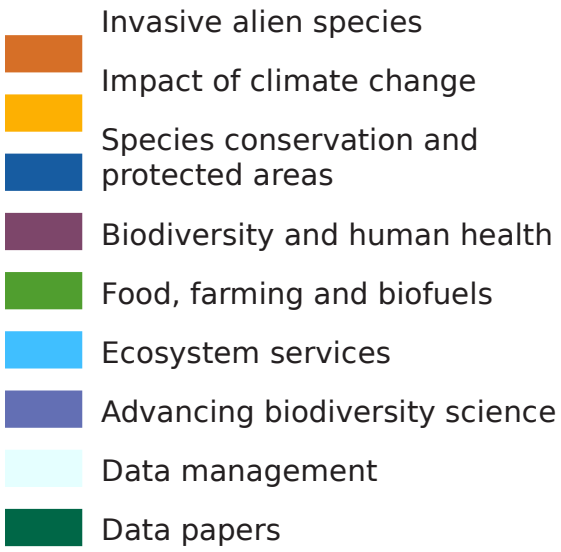
Total # of papers by country		
1	United States	28
2	United Kingdom	19
3	Germany	15
4	Spain	14
5	Brazil	13
6	Mexico	10
6	Switzerland	10
8	Australia	9
8	France	9
10	Norway	8



Total # of papers by region		
1	Europe	119
2	North America	33
3	Latin America	32
4	Asia	18
5	Oceania	10
6	Africa	5

Featured research

January 2017



https://demo.gbif.org/cms/search?type=data_use

De Pooter D, Appeltans W, Bailly N et al. (2017) Toward a new data standard for combined marine biological and environmental datasets - expanding OBIS beyond species occurrences. *Biodiversity Data Journal* 5 doi:10.3897/BDJ.5.e10989 *Author countries*: Belgium, Greece, United States, Italy, Argentina, New Zealand, United Kingdom, Australia, Mexico, Kenya, Venezuela

Hosoya T, Uzuhashi S, Hosaka K & Kudo S (2017) An assessment of fungi endemic to Japan. *Japanese Journal of Mycology* 57: 77-84. doi:10.18962/jjom.57.2_77 *Author country*: Japan.

Liu D, Wang R, Gordon DR, Sun X, Chen L & Wang Y (2017) Predicting Plant Invasions Following China's Water Diversion Project. *Environmental Science & Technology* doi:10.1021/acs.est.6b05577 *Author countries*: China, United States

Odonne G, Houël E, Bourdy G & Stien D (2017) Healing leishmaniasis in Amazonia: review of ethnomedicinal concepts and pharmaco-chemical analysis of traditional treatments to inspire modern phytotherapies. *Journal of Ethnopharmacology* doi:10.1016/j.jep.2017.01.048 *Author country*: France

Padilla O, Rosas P, Moreno W & Toulkeridis T (2017) Modeling of the ecological niches of the anopheles spp in Ecuador by the use of geo-informatic tools. *Spatial and Spatio-temporal Epidemiology* 21:1-11. doi:10.1016/j.sste.2016.12.001 *Author country*: Ecuador

Pellegrini AFA, Anderegg WRL, Paine CET et al. (2016) Convergence of bark investment according to fire and climate structures ecosystem vulnerability to future

Featured research

February 2017

1/2

- Invasive alien species
- Impact of climate change
- Species conservation and protected areas
- Biodiversity and human health
- Food, farming and biofuels
- Ecosystem services
- Advancing biodiversity science
- Data management
- Data papers

https://demo.gbif.org/cms/search?type=data_use

Andrew C, Heegaard E, Kirk PM et al. (2017) Big data integration: Pan-European fungal species observations' assembly for addressing contemporary questions in ecology and global change biology. *Fungal Biology Reviews* doi:10.1016/j.fbr.2017.01.001 *Author countries*: Norway, United Kingdom, Denmark, Switzerland, Czech Republic, Austria, Netherlands, Germany, United States.

Antonelli A, Hettling H, Condamine FL (2016) Toward a Self-Updating Platform for Estimating Rates of Speciation and Migration, Ages, and Relationships of Taxa. *Systematic Biology*. doi:10.1093/sysbio/syw066 *Author countries*: Sweden, Netherlands, France, United States, Switzerland.

Carew ME, Metzeling L, St Clair R, Hoffmann AA (2016) Detecting invertebrate species in archived collections using next-generation sequencing. *Molecular Ecology Resources*. doi:10.1111/1755-0998.12644 *Author country*: Australia.

Figuerola B, Barnes DKA, Brickle P, Brewin PE (2017) Bryozoan diversity around the Falkland and South Georgia Islands: Overcoming Antarctic barriers. *Marine Environmental Research* doi:10.1016/j.marenvres.2017.02.005 *Author countries*: Spain, United Kingdom, Falkland Islands (Malvinas).

González-Salazar C, Stephens CR & Sánchez-Cordero V (2017) Predicting the Potential Role of Non-human Hosts in Zika Virus Maintenance. *EcoHealth.* doi:10.1007/s10393-017-1206-4 *Author country*: Mexico.

Martin CA & Harvey WJ (2017) The Global Pollen Project: A

data access and use

Featured research

February 2017
2/2

- Invasive alien species
- Impact of climate change
- Species conservation and protected areas
- Biodiversity and human health
- Food, farming and biofuels
- Ecosystem services
- Advancing biodiversity science
- Data management
- Data papers

https://demo.gbif.org/cms/search?type=data_use

Odonne G, Houël E, Bourdy G, Stien D (2017) Treating leishmaniasis in Amazonia: A review of ethnomedicinal concepts and pharmaco-chemical analysis of traditional treatments to inspire modern phytotherapies. *Journal of Ethnopharmacology* doi:10.1016/j.jep.2017.01.048 *Author country*: France.

Pausas JG & Ribeiro E (2017) Fire and plant diversity at the global scale. *Global Ecology & Biogeography*. uv.es/jgpausas/papers/Pausas-2017-GEB_fire-diversity.pdf *Author countries*: Spain, Netherlands

Prieto-Benítez S, Yela JL, Giménez-Benavides L (2017) Ten years of progress in the study of Hadena-Caryophyllaceae nursery pollination. A review in light of new Mediterranean data. *Flora.* doi:10.1016/j.flora.2017.02.004 *Author countries*: Spain, United States.

Skeels A & Cardillo M (2017) Environmental niche conservatism explains the accumulation of species richness in Mediterranean-hotspot plant genera. *Evolution* doi:10.1111/evo.13179 *Author country*: Australia.

Taylor NG, Kell SP, Holubec V, Parra-Quijano M, Chobot K & Maxted N (2017) A systematic conservation strategy for crop wild relatives in the Czech Republic. *Diversity and Distributions* doi:10.1111/ddi.12539 *Author countries*: United Kingdom, Czech Republic, Italy.

Zohner CM, Benito BM, Fridley JD, Svenning JC, Renner SS (2017) Spring predictability explains different leaf-out strategies in the woody floras of North America, Europe and East Asia. *Ecology Letters*. doi:10.1111/ele.12746 *Author countries*: Denmark, Norway, United States.